

DATA PROCESSING,
OUTPUT DEVICE



TOLEDO[®] **remoprint**



**remote industrial
printer**

FEATURES

Highly suited for industrial environment

Imprints up to 19 characters per line

Large characters—alpha, numeric and symbolic

Parallel or serial entry, electrically actuated non-accumulating printer

Released or maintained decades

Wide range of record forms type and sizes

Easily accessible enclosure, desk or rack mounting.

Toledo Remoprint is designed for remote printing of data from any voltage-free, contact closure source. It is highly suited for normal industrial environment of temperature and dirt.

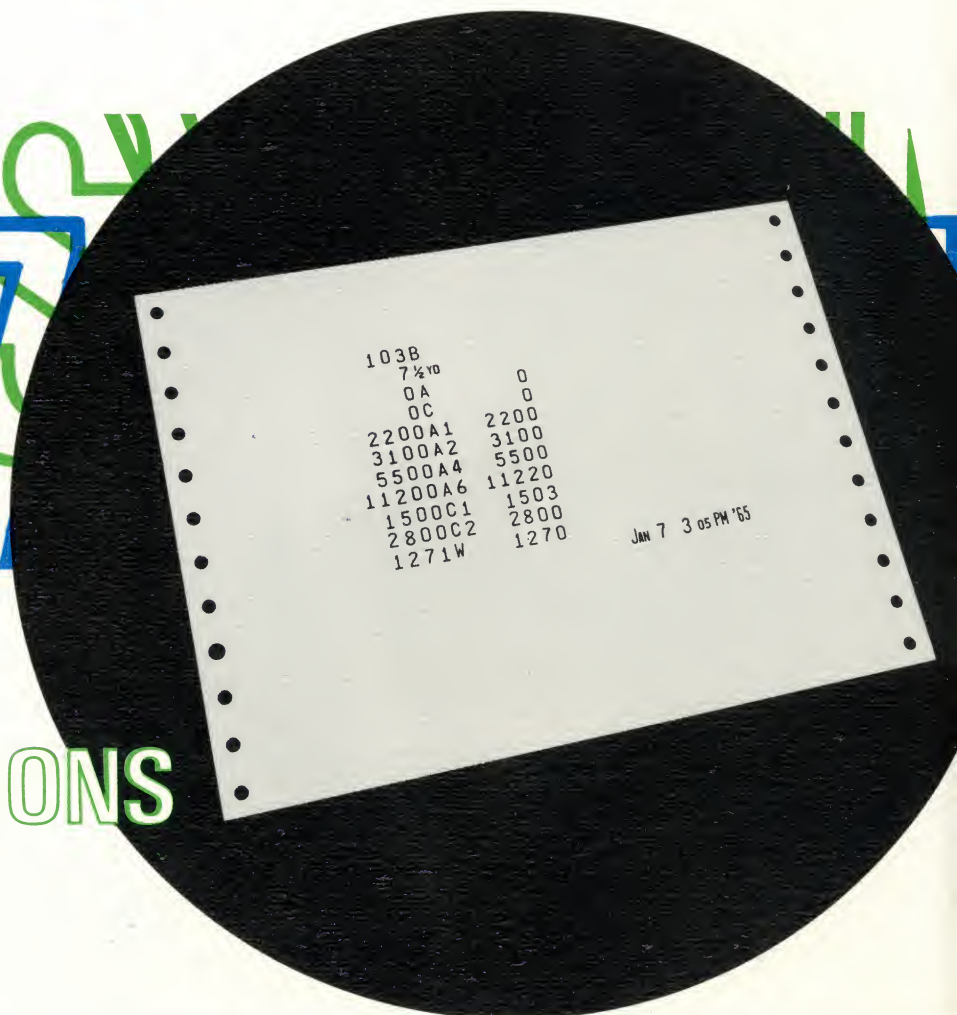
Letters, numbers and symbols can be used in any combination. The unit is highly versatile in handling a wide variety of forms for imprinting such as strip, sheet, ticket and pin-feed. Operation may be unattended if desired. As many as 19 characters per line can be accommodated making extensive data imprinting possible. Characters are $\frac{5}{32}$ " high, clear and easily read; automatic time and date, as well as consecutive numbering, can be provided. The imprinting time is fast—less than one second required.

Remoprint combines office equipment appearance with industrial ruggedness so as to assure reliability under severe usage. Solenoid command is added to the general mechanical and electrical arrangement of the famous Toledo Printweigh "400" to make this an exceptionally heavy duty industrial printer.

Remoprint is unusual in that either serial or parallel entry can be provided. It is flexible; with maintained or released character decades or combinations of each after imprinting. The unit is enclosed as shown here or may be rack-mounted in a control panel. Many optional features are available lending great versatility to your application.

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APPLICATIONS





TOLEDO SYSTEMS

Ticket illustrated at left was produced by a "dual-cycle" Remoprint equipped with twelve decades of solenoids, and used for recording in a batching operation. The five decades on the left are used to record ingredient weights and other data for the first batch. After the first batch is completed, the ticket is returned to "starting position" and the weight figures and other data recorded for the second batch, using the five decades on the right. The two decades in the middle are used to record identification data which is common to the figures appearing on the left and on the right in a particular line. The requirement in this application was to provide full recording for two batches on a single ejected ticket.

Remoprint with two-position-stop ticket shuttle for special application requiring gross and tare printing. Ticket is easily inserted in shuttle and clamped in place. A five digit, non-reset counter is shown at right on panel, which registers number of prints made. Pilotlight indicates readiness of scale remote data transmitter to signal information for Remoprint recording. Horizontal bar is depressed to initiate print cycle.

SPECIFICATIONS

BASIC UNIT:	Consists of Toledo Printweigh "400" components with solenoid controlled type sectors for imprinting non-accumulating data of any kind. Ten solenoids per decade.
IMPRINTING CAPACITY:	Up to 19 characters (decades) per line. These eleven position decades may be numerals 0 through 9, or any combination of ten letters, symbols and numerals plus a home or neutral position.
CHARACTER SIZE:	$\frac{5}{32}$ " high.
IMPRINTING RECORD FORMS:	2- $\frac{3}{4}$ " or 5" wide ejected and/or internal strip, depending upon printed information required, ticket or sheet up to 8- $\frac{1}{2}$ " x 11". See ACCESSORIES.
INPUT:	Electrical only, in form of momentary voltage-free remote contact closures to energize solenoids from internal power supply. Input may be serial or parallel. Characters may be maintained or released after print; combination of maintained and released decades can be furnished. Start cycle for printer requires Form C contact (by others) rated at 115 vac, 1 amp, with contact duration of approximately 100 msec.
SOLENOIDS:	Ten character solenoids per decade, input contact (by others) must be rated at 150 vdc, 300 ma with minimum contact duration of 200 msec concurrent with "start print cycle" command and a maximum duration of 250 msec if not interlocked with "mid-cycle" contact.
SPEED:	Imprinting cycle requires less than one second. Data entry speed is controlled by external programming.
OUTPUT:	A 1 amp voltage-free "mid-cycle" momentary contact is provided for use by others to remove the "start print cycle" command.
POWER REQUIREMENT:	115 $\pm$ 10 volts, 60 cycle.
EXTERNAL WIRING:	Remoprint normally supplied with 10 feet of multiconductor cable terminated in tagged wires.
PHYSICAL:	19" wide x 23" deep x 14" high; weight, approximately 75 lbs.
MOUNTING:	Table top, or relay rack on slide rails.

ACCESSORIES

- * Automatic Time and Date mechanism for printing on every line.
- * Automatic Time and Date mechanism for printing only on selected line(s), as determined by external command.
- * Automatic Consecutive Numbering, non-reset.
- Manual Date Stamp.
- Ticket Shuttle, for manual insertion of small tickets.
- Controls such as print pushbutton, pilotlight indication and counters mounted on front panel.
- Internally mounted "Ejectik" for pin-feed continuous forms; single or multiple line printing per ticket. Maximum ticket size (fan-fold) is 8- $\frac{1}{2}$ " by 6- $\frac{1}{2}$ " long. Accessory includes internal tray to hold supply of forms; also easily-opened "rear-slot" to receive forms stored externally if large uninterrupted supply is necessary.
- Fully adjustable stroke switch for use by others to interlock external cycle controls.
- * These accessories reduce the solenoid input imprinting capacity.